



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/814,160

DATE: 08/04/2004

TIME: 08:35:04

Input Set : N:\Crf3\RULE60\10814160.raw

Output Set: N:\CRF4\08042004\J814160.raw

1 <110> APPLICANT: WALLACH, David  
 2 SCHUCHMANN, Marcus  
 3 GONCHAROV, Tanya  
 4 <120> TITLE OF INVENTION: Caspase-8 Interacting Proteins  
 5 <130> FILE REFERENCE: WALLACH=26  
 6 <140> CURRENT APPLICATION NUMBER: US/10/814,160  
 7 <141> CURRENT FILING DATE: 2004-04-01  
 8 <150> PRIOR APPLICATION NUMBER: US/09/644,827  
 9 <151> PRIOR FILING DATE: 2000-08-24  
 10 <150> PRIOR APPLICATION NUMBER: 132105  
 11 <151> PRIOR FILING DATE: 1999-09-28  
 12 <150> PRIOR APPLICATION NUMBER: 127721  
 13 <151> PRIOR FILING DATE: 1998-12-24  
 14 <160> NUMBER OF SEQ ID NOS: 10  
 15 <170> SOFTWARE: PatentIn Ver. 2.0  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 447  
 19 <212> TYPE: DNA  
 20 <213> ORGANISM: Homo sapiens  
 21 <400> SEQUENCE: 1  
 22 cggcagcagg gcttgggcaa cggccggcac acgctgggac agcaggaagt ggaagtggac 60  
 23 ggtctgacgg cctacgtggc aggtgagcgc cctgacccac tgggtcccag gtcccagccc 120  
 24 gcatgccagg tggcccacga cccccacaga gcttgccttc tctgtcttca aggcaccaag 180  
 25 acgctgagtg gcagcatagc cccaatgaac gtctgtgtcc gggcacttcc tgcaggccac 240  
 26 aggttcagca tgaagtcggc cttgaaggct gcacacctgc accccgcccga gttgctgggg 300  
 27 ctggagaaga gtaaggggac cttgactttg gtgctgacgc agacttcgtg gtgctcgacg 360  
 28 actcccttca cgtccaggcc acctacatct cgggtgagct ggtgtggcag gcggacgcag 420  
 29 ctaggcagtg acaaggacct cggctga 447  
 31 <210> SEQ ID NO: 2  
 32 <211> LENGTH: 148  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: Homo sapiens  
 35 <400> SEQUENCE: 2  
 36 Arg His Glu Gly Leu Gly Asn Gly Arg His Thr Leu Gly Gln Gln Glu  
 37 1 5 10 15  
 38 Val Glu Val Asp Gly Leu Thr Ala Tyr Val Ala Gly Glu Arg Pro Asp  
 39 20 25 30  
 40 Pro Leu Gly Pro Arg Ser Gln Pro Ala Cys Gln Val Ala His Asp Pro  
 41 35 40 45  
 42 Pro Arg Ala Cys Pro Leu Cys Ser Gln Gly Thr Lys Thr Leu Ser Gly  
 43 50 55 60  
 44 Ser Ile Ala Pro Met Asn Val Cys Val Arg Ala Leu Pro Ala Gly His  
 45 65 70 75 80

ENTERED

## RAW SEQUENCE LISTING

DATE: 08/04/2004

PATENT APPLICATION: US/10/814,160

TIME: 08:35:04

Input Set : N:\Crif3\RULE60\10814160.raw

Output Set: N:\CRF4\08042004\J814160.raw

```

46      Arg Phe Ser Met  Lys Ser Ala Leu Lys  Ala Ala Ser Leu His Pro Ala
47                85                90                95
48      Gln Leu Leu Gly Leu Glu Lys Ser Lys Gly Thr Leu Thr Leu Val Leu
49                100                105                110
50      Thr Gln Thr Ser Trp Cys Ser Thr Thr Pro Phe Thr Ser Arg Pro Pro
51                115                120                125
52      Thr Ser Arg Val Ser Trp Cys Gly Arg Arg Thr Gln Leu Gly Ser Asp
53                130                135                140
54      Lys Asp Leu Gly
55      145
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 1513
59 <212> TYPE: DNA
60 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 3
62      ggcgcggctc cgctctcggc tgggggttcgt cactgggcgc gggatttggc cgccgcgggg 60
63      ctccggagcc gctcgctccc gacacggctc acgatgcgcg gcgacagggc cggcgggggc 120
64      cccgtgctcc agttcactaa ctgcgcggatc ctgcgcggag ggaaactgct cagggaggat 180
65      ctgtgggtgc gcggaggccg catcttgac ccagagaagc tgttctttga ggagcggcgc 240
66      gtggccgacg agcggcgagg ctgcgggggc cgcactcttg ctcccgatt catcgacgtg 300
67      cagatcaacc gtggatttgg tgttgacttc tctcaagcca cggaggacgt gggttcgggg 360
68      gttgccctcg tggcccgagg gatcctgtcg caccggcgtc cctccttctg cccaccctg 420
69      gtcacttccc caccggaggc ttatcacaag gttgttcctc agatccctgt gaagagtgg 480
70      ggtccccatg gggcaggggt cctcgggctg cacttgagg gccccttcat cagccgggag 540
71      aagcggggcg cgcaccccg ggcacacctc cgctccttcg aggcgatgc cttccaggac 600
72      ttgctggcca cctacgggcc cctggacaat gtccgcacg tgacgctggc cccagagttg 660
73      ggccgtagcc acgaagtgat ccgggcgctg acggcccgtg gcatctgcgt gtccctaggg 720
74      cactcagtgg ctgacctgcg ggccgagag gatgctgtgt ggagcggagc caccctcatc 780
75      acccactct tcaacgcat gctgccttcc caccaccgcg acccaggcat cgtggggctc 840
76      ctgaccagcg accggctgcc cgcaggccgc tgcacttct atgggatgat tgcagatggc 900
77      acgcacacca accccgccgc cctgcggatc gccaccgtg cccatcccca ggggctggtg 960
78      ctggtcaccg atgccatccc tgccttgggc ctgggcaacg gccggcacac gctgggacag 1020
79      caggaagtgg aagtggacgg tctgacggcc tacgtggcag gtgagcgccc tgaccactg 1080
80      ggtcccaggt cccagccgcg atgccaggtg gccacgacc ccccagagc ctgcccctc 1140
81      tgctctcaag gcaccaagac gctgagtggc agcatagccc caatgaacgt ctgtgtccg 1200
82      cacttctctg aggccacagg ctgcagcatg gactcgcccc tggaggctgc atccctgcac 1260
83      cccgcccagt tgctggggct ggagaagagt aaggggaccc tggactttgg tgctgacgca 1320
84      gacttcgtgg tgctcgacga ctcccttcac gtccaggcca cctacatctc gggtagctg 1380
85      gtgtggcagg cggacgcagc taggcagtga caaggacctc ggctgagagg acacctggcc 1440
86      gcagcgggat gccatcaggg ccgggtggtt ggggagctgg tctccaggga gtgagtcggg 1500
87      agccctgctg gat 1513
89 <210> SEQ ID NO: 4
90 <211> LENGTH: 469
91 <212> TYPE: PRT
92 <213> ORGANISM: Homo sapiens
93 <400> SEQUENCE: 4
94      Gly Ala Ala Pro Leu Ser Ala Gly Val Arg His Trp Ala Arg Asp Leu
95      1                5                10                15
96      Ala Ala Ala Gly Leu Arg Ser Arg Ser Leu Pro Thr Arg Leu Thr Met

```

## RAW SEQUENCE LISTING

DATE: 08/04/2004

PATENT APPLICATION: US/10/814,160

TIME: 08:35:04

Input Set : N:\Crif3\RULE60\10814160.raw

Output Set: N:\CRF4\08042004\J814160.raw

97		20		25		30	
98	Arg	Gly	Asp	Arg	Ala	Gly	Gly
99		35		40		45	
100	Arg	Ile	Leu	Arg	Gly	Gly	Lys
101		50		55		60	
102	Gly	Gly	Arg	Ile	Leu	Asp	Pro
103		65		70		75	
104	Val	Ala	Asp	Glu	Arg	Arg	Asp
105			85			90	
106	Phe	Ile	Asp	Val	Gln	Ile	Asn
107		100		105		110	
108	Ala	Thr	Glu	Asp	Val	Gly	Ser
109		115		120		125	
110	Leu	Ser	His	Gly	Val	Thr	Ser
111		130		135		140	
112	Pro	Glu	Ala	Tyr	His	Lys	Val
113		145		150		155	
114	Gly	Pro	His	Gly	Ala	Gly	Val
115			165			170	
116	Ile	Ser	Arg	Glu	Lys	Arg	Gly
117		180		185		190	
118	Phe	Glu	Ala	Asp	Ala	Phe	Gln
119		195		200		205	
120	Asp	Asn	Val	Arg	Ile	Val	Thr
121		210		215		220	
122	Glu	Val	Ile	Arg	Ala	Leu	Thr
123		225		230		235	
124	His	Ser	Val	Ala	Asp	Leu	Arg
125			245			250	
126	Ala	Thr	Phe	Ile	Thr	His	Leu
127		260		265		270	
128	Arg	Asp	Pro	Gly	Ile	Val	Gly
129		275		280		285	
130	Gly	Arg	Cys	Ile	Phe	Tyr	Gly
131		290		295		300	
132	Pro	Ala	Ala	Leu	Arg	Ile	Ala
133		305		310		315	
134	Leu	Val	Thr	Asp	Ala	Ile	Pro
135			325			330	
136	Thr	Leu	Gly	Gln	Glu	Val	Glu
137		340		345		350	
138	Ala	Gly	Glu	Arg	Pro	Asp	Pro
139		355		360		365	
140	Gln	Val	Ala	His	Asp	Pro	Pro
141		370		375		380	
142	Thr	Lys	Thr	Leu	Ser	Gly	Ser
143		385		390		395	
144	His	Phe	Leu	Gln	Ala	Thr	Gly
145			405			410	

## RAW SEQUENCE LISTING

DATE: 08/04/2004

PATENT APPLICATION: US/10/814,160

TIME: 08:35:04

Input Set : N:\Crif3\RULE60\10814160.raw

Output Set: N:\CRF4\08042004\J814160.raw

```

146   Ala Ser Leu His Pro Ala Gln Leu Leu Gly Leu Glu Lys Ser Lys Gly
147           420           425           430
148   Thr Leu Asp Phe Gly Ala Asp Ala Asp Phe Val Val Leu Asp Asp Ser
149           435           440           445
150   Leu His Val Gln Ala Thr Tyr Ile Ser Gly Glu Leu Val Trp Gln Ala
151           450           455           460
152   Asp Ala Ala Arg Gln
154 <210> SEQ ID NO: 5
155 <211> LENGTH: 1725
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 5
159   gagcagctca aaactcacgt ccaggtgatc aagaggtcag ccaagccgag tgagaagccc 60
160   cggctgcggc agataccctc ggctgaagac ctggagacag atggcggggg accgggccag 120
161   gtggtggacg atggcctgga gcacagggag ctgggccatg ggcagcctga ggccagaggc 180
162   cccgctcctc tccagcagca ccctcaggtg ttgctctggg aacagcagcg actggctggg 240
163   cggctccccc ggggcagcac cggggacact gtgctgcttc ctctggccca ggggtggcac 300
164   cggcctctgt cccgggctca gtcttcccca gccgcacctg cctcactgtc agccccagag 360
165   cctgccagcc agggccgagt cctctccagc tcagagacct ctgccaggac cctgcccttc 420
166   accacagggc tgatctatga ctcggtcatg ctgaagcacc agtgctcctg cggtgacaac 480
167   agcaggcacc cggagcacgc cggccgcac cagagcatct ggtcccggct gcaggagcgg 540
168   gggctccgga gccagtgtga gtgtctccga ggccggaagg cctccctgga agagctgcag 600
169   tcggctccact ctgagcggca cgtgctcctc tacggcacca acccgctcag ccgcctcaaa 660
170   ctggacaacg ggaagctggc agggctcctg gcacagcgga tgtttgtgat gctgccctgt 720
171   ggtgggggtg ggggtggcac tgacaccatc tggaatgagc ttcattcctc caatgcagcc 780
172   cgctgggccc gtggcagtg cactgacctc gccttcaaag tggcttctcg tgagctaaag 840
173   aatggtttcg ctgtggtgcg gccccagga caccatgcag atcattcaac agccatgggc 900
174   ttctgcttct tcaactcagt ggccatcgcc tgccggcagc tgcaacagca gagcaaggcc 960
175   agcaagatcc tcattgtaga ctgggacgtg caccatggca acggcaccca gcaaaccctc 1020
176   taccaagacc ccagtgtgct ctacatctcc ctgcatcgcc atgacgacgg caacttcttc 1080
177   ccagggagtg gggctgtgga tgaggtaggg gctggcagcg gtgagggctt caatgtcaat 1140
178   gtggcctggg ctggaggtct ggaccccccc atgggggatc ctgagtacct ggtgtctttc 1200
179   aggatagtcg tgatgcccat cgcccagagag ttctctccag acctagtctt ggtgtctgct 1260
180   ggatttgatg ctgctgaggg tcacccggcc ccactgggtg gctaccatgt ttctgccaaa 1320
181   tgttttggat acatgacgca gcaactgatg aacctggcag gaggcgagc ggtgtctggc 1380
182   ttggaggggt gccatgacct cacagccatc tgtgacgct ctgaggcctg tgtggctgct 1440
183   cttctgggta acagggtgga tcccctttca gaagaaggct ggaaacagaa acccaacctc 1500
184   aattccatcc gctctctgga ggccgtgatc cgggtgcaca gtaaatactg gggctgcatg 1560
185   cagcgctgg cctcctgtcc agactcctgg gtgcctagag tgccaggggc tgacaaagaa 1620
186   gaagtggagg cagtaaccgc actggcgctc ctctctgtgg gcatcctggc tgaagatagg 1680
187   ccctcggaac agctggtgga ggaggaagaa cctatgaatc tctaa 1725
189 <210> SEQ ID NO: 6
190 <211> LENGTH: 574
191 <212> TYPE: PRT
192 <213> ORGANISM: Homo sapiens
193 <400> SEQUENCE: 6
194   Glu Gln Leu Lys Thr His Val Gln Val Ile Lys Arg Ser Ala Lys Pro
195   1 5 10 15
196   Ser Glu Lys Pro Arg Leu Arg Gln Ile Pro Ser Ala Glu Asp Leu Glu

```

DATE: 08/04/2004

TIME: 08:35:04

Output Set: N:\CRF4\08042004\J814160.raw

197					20				25					30			
198	Thr	Asp	Gly	Gly	Gly	Pro	Gly	Gln	Val	Val	Asp	Asp	Gly	Leu	Glu	His	
199				35				40					45				
200	Arg	Glu	Leu	Gly	His	Gly	Gln	Pro	Glu	Ala	Arg	Gly	Pro	Ala	Pro	Leu	
201		50					55					60					
202	Gln	Gln	His	Pro	Gln	Val	Leu	Leu	Trp	Glu	Gln	Gln	Arg	Leu	Ala	Gly	
203	65					70					75					80	
204	Arg	Leu	Pro	Arg	Gly	Ser	Thr	Gly	Asp	Thr	Val	Leu	Leu	Pro	Leu	Ala	
205				85					90						95		
206	Gln	Gly	Gly	His	Arg	Pro	Leu	Ser	Arg	Ala	Gln	Ser	Ser	Pro	Ala	Ala	
207				100				105					110				
208	Pro	Ala	Ser	Leu	Ser	Ala	Pro	Glu	Pro	Ala	Ser	Gln	Ala	Arg	Val	Leu	
209			115					120					125				
210	Ser	Ser	Ser	Glu	Thr	Pro	Ala	Arg	Thr	Leu	Pro	Phe	Thr	Thr	Gly	Leu	
211		130					135					140					
212	Ile	Tyr	Asp	Ser	Val	Met	Leu	Lys	His	Gln	Cys	Ser	Cys	Gly	Asp	Asn	
213	145					150					155					160	
214	Ser	Arg	His	Pro	Glu	His	Ala	Gly	Arg	Ile	Gln	Ser	Ile	Trp	Ser	Arg	
215				165					170						175		
216	Leu	Gln	Glu	Arg	Gly	Leu	Arg	Ser	Gln	Cys	Glu	Cys	Leu	Arg	Gly	Arg	
217				180					185					190			
218	Lys	Ala	Ser	Leu	Glu	Glu	Leu	Gln	Ser	Val	His	Ser	Glu	Arg	His	Val	
219			195					200					205				
220	Leu	Leu	Tyr	Gly	Thr	Asn	Pro	Leu	Ser	Arg	Leu	Lys	Leu	Asp	Asn	Gly	
221		210					215					220					
222	Lys	Leu	Ala	Gly	Leu	Leu	Ala	Gln	Arg	Met	Phe	Val	Met	Leu	Pro	Cys	
223		225				230					235					240	
224	Gly	Gly	Val	Gly	Val	Asp	Thr	Asp	Thr	Ile	Trp	Asn	Glu	Leu	His	Ser	
225				245						250				255			
226	Ser	Asn	Ala	Ala	Arg	Trp	Ala	Ala	Gly	Ser	Val	Thr	Asp	Leu	Ala	Phe	
227				260					265					270			
228	Lys	Val	Ala	Ser	Arg	Glu	Leu	Lys	Asn	Gly	Phe	Ala	Val	Val	Arg	Pro	
229			275					280					285				
230	Pro	Gly	His	His	Ala	Asp	His	Ser	Thr	Ala	Met	Gly	Phe	Cys	Phe	Phe	
231		290					295					300					
232	Asn	Ser	Val	Ala	Ile	Ala	Cys	Arg	Gln	Leu	Gln	Gln	Gln	Ser	Lys	Ala	
233		305				310					315					320	
234	Ser	Lys	Ile	Leu	Ile	Val	Asp	Trp	Asp	Val	His	His	Gly	Asn	Gly	Thr	
235				325						330					335	</	

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 08/04/2004  
PATENT APPLICATION:    US/10/814,160      TIME: 08:35:05

Input Set : N:\Crf3\RULE60\10814160.raw  
Output Set: N:\CRF4\08042004\J814160.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:10

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/814,160

DATE: 08/04/2004

TIME: 08:35:05

Input Set : N:\Crf3\RULE60\10814160.raw

Output Set: N:\CRF4\08042004\J814160.raw